

SYSTEM AND METHOD FOR
MEASURING REICHENBACH CLOCK SYNCHRONIZATIONS

ABSTRACT OF THE DISCLOSURE

Jwp
122

A device, system and method for measuring the one-way velocity of light using selective transmission technology to provide a superluminal energy flow is provided. The superluminal transmitter comprises a transmission source, a receiver, and a selective-transmission device for receiving the transmission wavepacket from the transmission source and selectively transmitting the high-energy or wavefront component of the transmission wavepacket through a barrier such that the energy transmission tunnels through the barrier at superluminal velocities. The measured daily oscillation of the tunnel time can then be utilized to measure the one way light velocity. A system and method for measuring the vector velocity of light using the superluminal transmitter system of the invention is also provided as well as a method of calibrating temporal data and a device which can be utilized as a speedometer, a compass, a calender and/or a clock.

JWP/jwp

DAA PAS328501.1.*-5/23/01 1:44 PM